



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

BIBDATASHEET

CONFIRMATION NO. 5053

Bib Data Sheet

SERIAL NUMBER 10/029,669	FILING DATE 12/31/2001 RULE	CLASS 379	GROUP ART UNIT 2644	ATTORNEY DOCKET NO. TI-33136 (1.123US)
-----------------------------	---------------------------------------	--------------	------------------------	--

APPLICANTS

Yimin Zhang, Germantown, MD;

Bogdan Kosanovic, Bethesda, MD;

** CONTINUING DATA *****

NONE, R₁

** FOREIGN APPLICATIONS *****

NONE, R₁

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** 01/29/2002

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY MD	SHEETS DRAWING 4	TOTAL CLAIMS 20	INDEPENDENT CLAIMS 3
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged Examiner's Signature _____ Initials <u>Rs</u>				

ADDRESS

Warren Franz
Texas Instruments Incorporated
MS 3999
P.O. Box 655474
Dallas, TX
75265

TITLE

Dynamically estimating echo return loss in a communication link

FILING FEE RECEIVED	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue)



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 5053

SERIAL NUMBER 10/029,669	FILING DATE 12/31/2001 RULE	CLASS 370	GROUP ART UNIT 2661	ATTORNEY DOCKET NO. TI-33136 (1.123US)
APPLICANTS Yimin Zhang, Germantown, MD; Bogdan Kosanovic, Bethesda, MD;				
** CONTINUING DATA *****				
** FOREIGN APPLICATIONS *****				
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 01/29/2002				
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged _____ Examiner's Signature _____ Initials _____		STATE OR COUNTRY MD	SHEETS DRAWING 4	TOTAL CLAIMS 20
			INDEPENDENT CLAIMS 3	
ADDRESS Warren Franz Texas Instruments Incorporated MS 3999 P.O. Box 655474 Dallas, TX 75265				
TITLE Dynamically estimating echo return loss in a communication link				
FILING FEE RECEIVED 740	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	